

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-089165

(43)Date of publication of application : 25.03.2003

(51)Int.Cl.

B32B 9/00  
G02F 1/1333  
G09F 9/30  
H05B 33/02  
H05B 33/14

(21)Application number : 2001-285042

(71)Applicant : DAINIPPON PRINTING CO LTD

(22)Date of filing : 19.09.2001

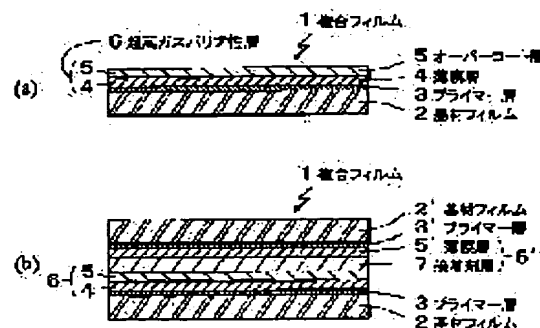
(72)Inventor : OTA YURIE

## (54) COMPOSITE FILM HAVING ULTRA-HIGH GAS-BARRIER PROPERTY AND DISPLAY USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a composite film having high gas-barrier properties exceeding the water-vapor permeability [about 0.5-2 g/m<sup>2</sup>.day (40°C, 90% RH)] of a conventional alumina-deposited film or a silica-deposited film.

SOLUTION: In the composite film, an ultra-high gas-barrier layer 6 comprising a thin film layer 4 of a metal oxide and an overcoat layer 5 is laminated on A base material film 2 as required through a primer layer 3. The composite films can mutually be laminated through an adhesive layer 7, and in this case, one overcoat layer 5 can be omitted.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]